

Untitled

Title: US-10-561-292-3
 Perfect score: 799
 Sequence: 1 EAEPLVDI RVTGPVPGALGA.....SI TKRSLSGTAFGGFLMFKT 152

ABU03470

ID ABU03470 standard; protein; 949 AA.

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AC ABU03470;

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DT 15-JUN-2007 (revised)

DT 21-JAN-2003 (first entry)

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DE Angiogenesis-associated human protein sequence #15.

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KW Human; angiogenesis-associated transcript; angiogenesis;
 KW angiogenesis-associated disease; cancer; cytostatic; BOND_PC;
 KW multimerin 2; EM LIN-like protein EndoGlyx-1;
 KW elastin microfibril interfacier 3; multimerin 2 [Homo sapiens]; MMRN2;
 KW EM LIN3; FLJ13465; ENDOGLYX1; EndoGlyx-1; unnamed protein product;
 KW unnamed protein product [Homo sapiens]; GC5578; GC5198; GC6941; G07049.

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OS Homo sapiens.

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PN VC000279492-A2.

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PD 10-CT-2002.

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PF 14-FEB-2002; 2002WD-US004915.

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PR 14-FEB-2001; 2001US-00784356.

PR 22-FEB-2001; 2001US-00791390.

PR 19-APR-2001; 2001US-0285475P.

PR 03-AUG-2001; 2001US-0310025P.

PR 13-NOV-2001; 2001US-0350666P.

PR 29-NOV-2001; 2001US-0334244P.

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PA (ECOSB-) EOS BIOTECHNOLOGY INC.

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PI Murray R, Glynne R, Watson SR, Aziz N;

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DR WPI; 2003-040681/03.

DR N-PSDB; ABX08753.

DR PC: NCBI; gi13376091.

DR PC: SW-SSPROT; Q9H8L6.

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PT Detecting angiogenesis-associated transcript in a cell for diagnosing and
 PT treating cancer by contacting a sample with a polynucleotide that
 PT exhibits changes in expression level as a function of time in tissue
 PT undergoing angiogenesis.

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PS Example 2; Page 193; 291pp; English.

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CC The present invention relates to methods and compositions for detecting
 CC an angiogenesis-associated transcript in a cell in a patient. The method
 CC involves contacting a biological sample from the patient with a
 CC polynucleotide that selectively hybridizes to a sequence at least 80%
 CC identical to any of the angiogenesis-associated human polynucleotide
 CC sequences given in the specification. These angiogenesis-associated
 CC polynucleotide sequences comprise genes that exhibit changes in
 CC expression levels as a function of time in tissue undergoing
 CC angiogenesis. The method and the polynucleotide sequences of the

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invention are useful for diagnosing and treating angiogenesis and angiogenesis-associated diseases e.g. cancer. The polynucleotide sequences are also useful in the gene therapy of such disorders. The angiogenesis-associated proteins encoded by the polynucleotide sequences are useful as a vaccine for therapeutic and prophylactic immunisation. ABU03456-ABU03569 represent angiogenesis-associated protein sequences

Revised record issued on 15-JUN-2007 : Enhanced with precomputed information from BCND.

Sequence 949 AA;

Query Match 100.0% Score 799; DB 6; Length 949;
Best Local Similarity 100.0% Pred. No. 4.4e-79;
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	EAEPLVDI RVTGPVPGALGAALWEAGSPVAFYASFSEGTAAALQTVKFNTTYI NI GSSYFP	60
Db	798	EAEPLVDI RVTGPVPGALGAALWEAGSPVAFYASFSEGTAAALQTVKFNTTYI NI GSSYFP	857
Qy	61	EHGYFRAPERGVYLFVSVVEFGPGGTGQLVFGGHHRTVPCTTGQSGSTATVFAMAEIQ	120
Db	858	EHGYFRAPERGVYLFVSVVEFGPGGTGQLVFGGHHRTVPCTTGQSGSTATVFAMAEIQ	917
Qy	121	KGERWWFELTQSSI TKRSLSGTAFGGFLMFKT	152
Db	918	KGERWWFELTQSSI TKRSLSGTAFGGFLMFKT	949